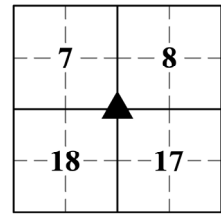


MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

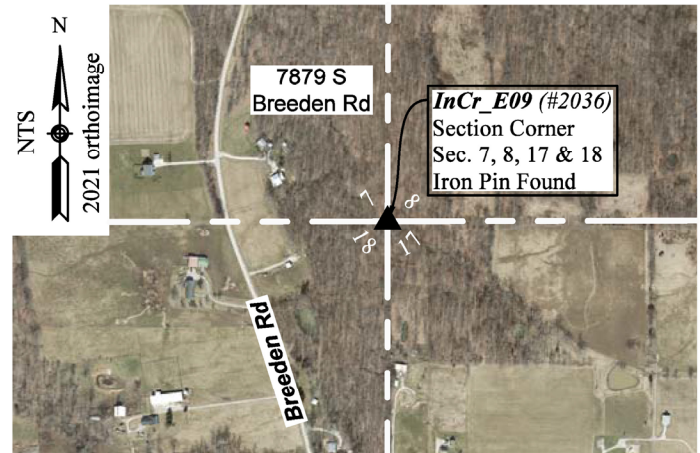
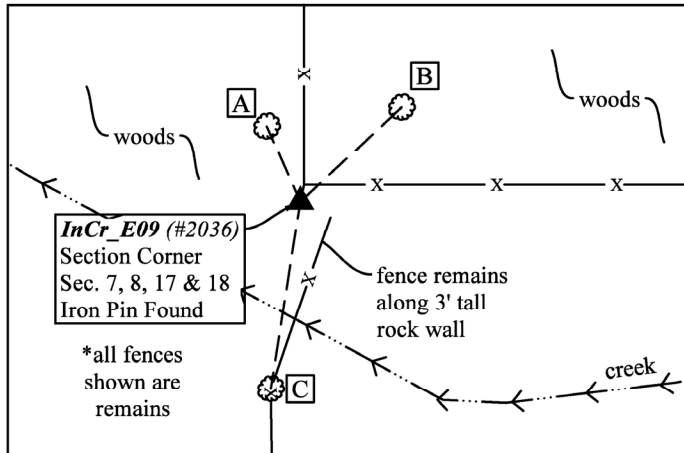
Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
1" forming pin found leaning south 16" above grade

GEODETIC COORDINATES: Northing: 1385197.66, Easting: 3071342.71

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 24° W	12.4'	Mag nail and 1-1/2" orange plastic disc found in hack mark 0.9 feet above grade on the southwest side of a 7" beech
B	N 47° E	20.8'	Mag nail and 1-1/2" orange plastic disc found in hack 1.1 feet above grade on the west side of a 26" black oak
C	S 9° W	28.4'	1/2" rebar found 2.8 feet above grade on the southeast side of a 29" sycamore with north/south fence remains

Notes: Distances to witness ties were measured with a 100-foot steel tape from the base of the forming pin to the nail. Bearings to witness ties were measured from the base of the forming pin to the center of the tree and were collected with the internal magnetic compass of the Javad Triumph LS adjusted to Grid North. Bearings to witness ties were verified with a 2° compass adjusted for declination and are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A steel t-post was found 1.15 feet northeast of the corner with a Monroe County SURVEY MARKER sign attached 3 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The iron pin is solidly planted at the top of a steep bank that is in danger of slumping. We had planned to replace the pin with a capped rebar, but after evaluating the field conditions, we decided that replacement would likely shorten the longevity of the monument. The iron pin is 2.6 feet southwest from a magnail found 0.9 feet above grade on the southeast side of a 6" x 6" fence corner post with a Monroe County SURVEY MARKER sign 3 feet above grade. The corner is in a wooded area approximately 725 feet southeast of the house at 7879 S Breeden Road.

PERPETUATION RECORD

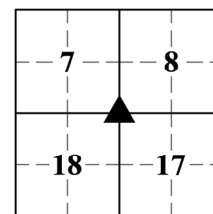
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	6"	S 56° W	17 links
Beech	8"	S 67° E	20 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. The corner was referenced on three legal surveys, none of which described or witnessed the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 7 (<i>stone</i>)	
04/15/1854	Spencer, James	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB1, pg 269
05/01/1865	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 130
11/21/1866	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 131
11/19/1975	Graham, Raymond	19.16 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001732
12/18/1975	Graham, Raymond	Survey of McDonald Tracts in Section 7 (<i>stone</i>)	MCSO RSID001745
03/19/1978	Farkas, Edmund	23.58 acre survey in Section 18 (<i>stone</i>)	MCSO RSID001934
09/22/1978	Graham, Raymond	Survey of 42.7 acres in Sec. 7 for Don Conder (<i>stone</i>)	MCSO RSID001731
03/27/1989	Utt, Lee	Survey of 2 tracts in Section 17 (<i>stone</i>)	MCRO 1989903591
06/19/1991	Utt, Lee	Survey of 2 tracts in Sections 8 and 17 (<i>stone</i>)	MCSO RSID001750
11/21/1992	Ramsey, Stephen	3.22 acre & 4.69 acre survey in Sec.17 (<i>stone</i>)	MCSO RSID001925
04/29/2002	Graham, Charles D	Type E Admin. Subd. On Crum Road in Sec.17 (<i>stone</i>)	MCSO RSID001929
05/16/2002	Graham, Charles D	30.68 acre survey in Section 17 (<i>found stone</i>)	MCSO RSID001928
06/15/2002	Ramsey, Stephen	Survey in Sections 17 and 18 (<i>found stone</i>)	MCSO RSID001924
04/20/2004	Utt, Lee	Brad Boyle Admin. Type "A" Subd. in Sections 8 & 17 (<i>found stone</i>)	MCSO RSID001749
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Section 7 (<i>6" x 6" stone found 18" tall leaning south</i>)	MCRO 2009002667
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>accepted 5/8" rebar</i>)	MCRO 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 5/8" rebar found 12" above grade</i>)	MCRO 2011010190 GCRO 2011-2897
11/14/2021	Deckard, Eric	Breeden Road Minor Subdivision in Section 7 (<i>accepted 5/8" rebar found 16" above grade believed to have replaced the old stone</i>)	MCRO 2022001569

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. A stone was approved by the Monroe County Surveyor Review Board on October 27, 1999. The stone was presumably replaced with the forming pin, but we were unable to find a record of the replacement.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

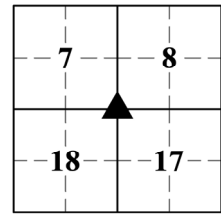
This corner was referenced on three mid-1800s era legal surveys that did not describe or witness the monument. A stone first appeared in the survey record in 1975 and it was accepted on all subsequent surveys of record (including the 1999 Monroe County Monument Record) through 2009, when Philip Tapp noted that it was leaning south. When Matthew Badger located the corner in 2011, the stone had been replaced with the forming pin. The party responsible for replacing the stone is unknown, but we found it to check the 1999 witness ties and ties to other survey monuments, so we accepted it as the best evidence of the corner.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2.6 feet
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Forming pin at E09



Photo Orientation & Description: Looking northeast at E09

FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August ??, 2023
Signature:

Rachel Oser



Seal:

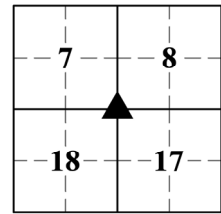
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name: Rachel Oser	Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694	Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated	Corner Coordinate Status: Survey Grade Calc	
Issue Date: 3/13/2023	Form Due Date: 11/15/2023	Form Receipt Date: 8/22/2023

COUNTY SURVEYOR APPROVAL:

☒ Yes,
Signature:

Date: 9/19/2023

☐ No,
reasons for
denial



Seal:

SURVEYOR REVIEW BOARD APPROVAL:

☒ Yes,
Signature:

Date: 9/19/2023

☐ No,
reasons for
denial



Seal:

MONUMENT RECORD
State of Indiana - County of Monroe

Section: 18

Township: 7 North

Range: 2 West

Corner ID: In Cr E-09

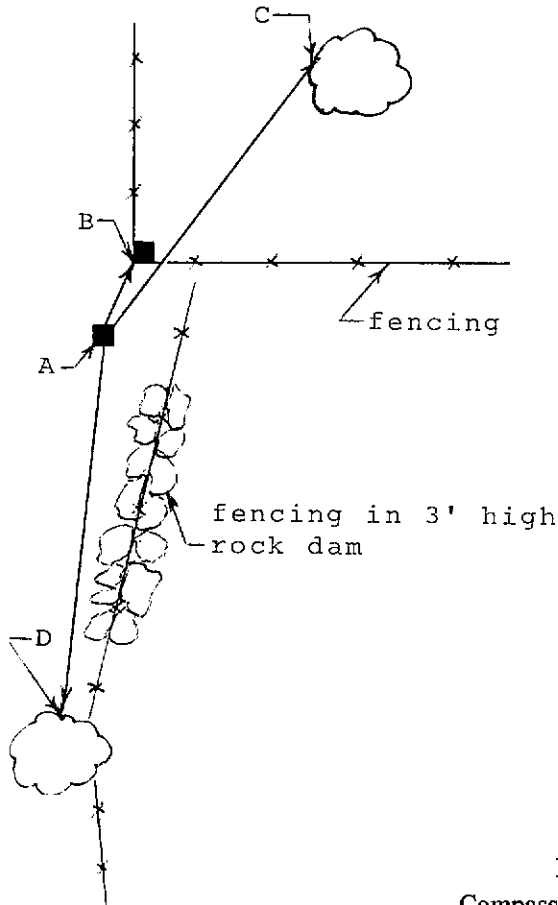
Monument Description & Remarks: Found unmarked Sandstone at NE corner of section. Stone measured 1.07' (h) x 0.50' (l) x 0.45' (w), and was marked with yellow flagging on nearby fence corner post.

References On File: Survey by Lee Utt, R.L.S. No. S0089, recorded in Book 1, Page 73 in the County Recorder's Office.

RECOVERY TIE DRAWING

Field Book 99-01 Page No. 51

USGS Stanford Quad



A - Sandstone

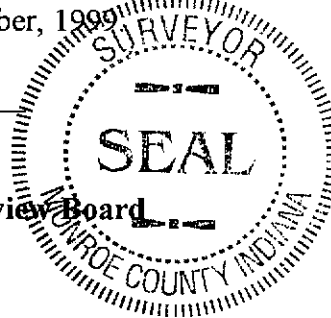
B - North 24° East, 2.60' from stone
MAG nail in 6" x 6" corner post
Survey marker sign set 3' up

C - North 38° East, 21.09' from stone
MAG nail in 18" Black Oak

D - South 06° West, 28.66' from stone
1/2" rebar in 20" Sycamore

Not To Scale
Compass Bearing Magnetic North

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of Section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 22nd day of September, 1999.



Administered by the Monroe County Surveyor Review Board

Date: 10/23/99

